Public Works (1906) Department.

G.O., No. 174 } 175 } I

DATED 13 Feby: 1906.

~~20~~ 3 copies of G.O.
~~22~~ 2 copies of Endt with docket at the back
for the G. of I
30 copies of Endt for records.
15/2/06

[Despatch Abstract.]

Vandiyur drain, Periyar Project

An estimate, amounting to Rs ~~4449~~ 3449, for improvements to the — sanctioned, and a copy of the Pros: ordered to be forwarded to the G of I for information

Vandiyur drain, Periyar Project

Forwarding a copy of the Pros: sanctioning an estimate, amounting to Rs ~~4449~~ 3449, for improvements to the —

P. W. ... 2,000—...—05.

Indexed.

AHL 13.2.06

14/2

FEG 14/2/06 Dr

Registered JH 13.2.06

IRRIGATION.
ACCOUNT.

Government {1906} of Madras.

PUBLIC WORKS.

Recd. }1906. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 174, 175 I., 13th February 1906.

FEBRUARY.

Vandiyur drain, Periyar Project

Forwarding a copy of the Proceedings sanctioning an estimate, amounting to Rs. 3,449, for improvements to the—.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

From the Superintending Engineer, VI Circle, dated 5th January 1906, No. 18 C.E.

Enclosure.

Report to accompany the estimate for improvements to Vandiyur drain.

	RS.
Amount of estimate	3,050

The channel taking off from the left flank escape of No. 58, Sellur tank, Madura taluk, is otherwise known as the Vandiyur drain and tails into the Vandiyur supply channel through the culvert in Madura-Palmedu road a little above and opposite to outlet No. 1 in the supply channel.

2. Frequent complaints are received from the interested ryots and from the Revenue Department, that the drainage water spills over the wet lands and damages the crops during rains. It is proposed, as a tentative measure, to improve the drain, so that it might carry a run-off of 2 inches in 24 hours over the catchment. It is believed that this will prevent the serious damages to crops. If it is found after a few years' experience that the improvements have not served the purpose, it can be easily widened further. The necessary hydraulic and other particulars are noted in the longitudinal and cross sections.

3. The spoil earth available from improving the drain up to C.S. No. 9 will be thrown on the right side to prevent water spilling over and damaging the wet lands, which slope away from the drain. The spoil earth below C.S. No. 9 will be thrown on both sides, leaving gaps for the drainage of lands.

4. Provision has also been made in the estimate for acquiring and demarcating land wherever required as per details shown in the land statement enclosed. The rate provided for in the estimate for land compensation has been fixed in consultation with the Collector of Madura.

5. The annual reduction due to flood damage in the value of the outturn is estimated at Rs. 569 as per statement enclosed. The work is therefore profitable to the community though not directly so to Government.

(Signed) A. V. RAMALINGA AIYAR,
Executive Engineer, Madura Divn.

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, VI Circle, submits an estimate, amounting to Rs. 3,050, for improving the Vandiyur surplus channel which takes off from the left bank escape of the Sellur tank, Periyar Project. It is reported that the drainage water spills over the wet lands and damages crops during rains. It is therefore proposed to widen the drain to carry a run-off of 2 inches in 24 hours over the catchment area and to lower the apron of the road culvert at the tail end of the drain by 1·40 feet so as to agree with the proposed bed level. The estimate may be sanctioned.

2. The work is classed as "unremunerative" and will probably be completed by the 31st March 1907.

(Signed) F. J. WILSON,
Chief Engineer for Irrigation.

10th February 1906.

ORDER—No. 174 I., dated 13th February 1906.

The following estimate is sanctioned:—

Imperial.
Irrigation.
49. Capital expenditure not charged to Revenue.
Periyár Project.
Open Capital Account.
I. Works.
4. Drainage and Protective works.
Unremunerative work.
Improvements to the Vandiyur drain.

	RS.	RS.
B. Land—		
Compensation for land	1,316	1,316
C. Works—		
Removing the apron and retaining wall and rebuilding the same to 88·00	80	80
L. Earth work—		
Winding the drain	1,503	1,503
O. Miscellaneous—		
Demarcation stones	30	
Contingencies and supervision	121	151
Total, I. Works ...		3,050
II. Establishment ...		399
		3,449

2. This sanction is registered as No. 197 I. of 1905–1906 and will expire on the 31st March 1907.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 175 I., dated 13th February 1906.]

(True Extract.)

(Signed) F. J. WILSON,
Joint Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle, with plans and estimates.
,, Examiner, Public Works Accounts.

ENDORSEMENT—No. 175 I., dated 13th February 1906.

Forwarded.

(By order.)

(Signed) F. J. WILSON,
Joint Secretary to Government,
Irrigation Branch.

Exd. T. Lutchmiah Naidu.

1,000—23-3-05.

CURRENT FILE.

Stock Form No. 141
10,000—29-6-05.

PUBLIC WORKS DEPARTMENT.

CURRENT No. ~~18 CE~~ 204

ENCLOSURES. { Plans No. 8+1
Others No. ~~2~~ 5

Total ~~10+1=11~~ 14

SPARE COPIES.

Received 3 190 .

Registered 3 12 . 1 . 1906 .

Passed on by Registering Clerk ...

" " U. R. Clerk ...

" " Referencer ...

" " Record Superintendent.

" " Drafting Officer ...

Subject

Vandiyur drain submitting an estimate Rs 3050 for improvements to

---

No. 18 CE

Station, Trichinopoly. *Dated the* 5 January 1906.

From (Name) C. A. SMITH Esquire.,

(Designation) Superintending Engineer, VI Circle.

To The Chief Engineer for Irrigation, ~~to the Government~~ of Madras,
~~The Secretary~~

Public Works Department.

Sir,

I have the honor to forward for approval and sanction an estimate amounting to Rs.3,050 for improving the Vandiyur drain or otherwise the surplus channel taking - off from the left flank escape in Sellur Tank. The object of the proposed expenditure is to secure the lands in Sellur and Koripoliem Villages from being damaged by the -- floods in the drain and thus save thereby the average --

annual loss to crops, amounting to Rs.569. I also forward a copy of the Executive Engineer's letter No.380-S.E., dated 16th May 1905 giving further information on the damages done by the spill of the drain.

2. The work is unremunerative and it may be completed by the end of March 1907. The work has been inspected by me.

I have the honor to be,

Sir,

Your most obedient servant,

A Smith
5/1

Superintending Engineer,

VI Circle.

Enclosures:-10.+1
1 Estimate complete.
9 Tracing plans,
1 Copy of Ex:Engr's letter
No.380-S.E. d/16-5-05.

PWE 1/1679/06

Copy of letter No.380-S.E., dated 16th May 1905, - from M.R.Ry, A.V.Ramalinga Aiyar Avl., B.A. B.C.E., Executive Engineer, Madura Division, to the Superintending Engineer, VI Circle, Trichinopoly.

With reference to your Memorandum No.1562 dated 15th April 1905, I have the honor to resubmit herewith the - estimate for improvements to Vandiyur drain as per instructions given by you during your recent inspection. The - drain is designed to pass a run-off of 2 inches in 24 - hours, the width of the drain varying from 10 to 42 feet in the several reaches.

The loss of crop is due to the surplus water from the drain spilling over the adjacent wet lands in the - early part of the irrigation season and damaging the newly transplanted paddy. No doubt this does not occur - in every year but it is found from experience that the crops are damaged once in 4 or 5 years which gives an - annual average loss of Rs.569 as per details furnished in the statement attached to the estimate. The ryots - have to retransplant the lands in such cases late in the season after the closure of the north east monsoon which consequently diminishes the yield. The average yield - in the ayacut under the tank is 15 kalams per acre for one crop and as per enquiries made the outturn on such lands is reported to be only 6 kalams when damaged by the surplus water.

CHIEF ENGINEER
IRRIGATION
12 JAN 1906
204/1

[signature]

Superintending Engineer,

VI Circle.

Report to accompany the estimate for Improvements to Vandiyur drain.

Amount of Estimate... .. Rs. ~~3,065~~ 3050.

The channel taking off from the left flank escape of No.58 Sellur tank, Madura Taluq, is otherwise known as the Vandiyur drain and tails into the Vandiyur supply channel through the culvert in Madura-Palmedu road a little above and opposite to outlet No.1. in the supply channel.

2. Frequent complaints are received, from the interested ryots and from the Revenue Department, that the drainage water spills over the wet lands and damages the crops during rains. It is proposed as a tentative measure to improve the drain so that it might carry a ~~rain~~ run-off of 2" in 24 hours over the catchment. It is believed that this will prevent the serious damages to crops. If it is found after a few years experience that the improvements have not served the purpose, it can be easily widened further. The necessary hydraulic and other particulars are noted in the longitudinal and cross sections.

12 JAN 1908 No. 204/2

3. The spoil earth available from improving the drain up to C.S.No.9. will be thrown on the right side to prevent water spilling over and damaging the wet lands, ~~the lands~~ which slope away from the drain. The spoil earth below C.S.No.9. will be thrown on both sides leaving gaps for the drainage of lands.

4. Provision has also been made in the estimate for acquiring and demarcating land wherever required as per details shown in the land statement enclosed. The rate provided for in the estimate for land compensation has been fixed in consultation with the Collector of Madura.

5 The annual reduction due to flood damage in the value of the out-turn is estimated at Rs.569 as per statement enclosed. The work is therefore profitable to the community though not directly so to Government.

[signature] 14/1

Executive Engineer,
Madura Division.

4

NOTES.

PUBLIC WORKS DEPARTMENT.

Irrigation Branch.

Estimate of Rs 3050 for improving Vandiyu drain, Periyar project

E. I.

It is stated that the proposed improvements are not directly remunerat to Govt, but will prevent loss of crops to the extent of Rs. 569 per annum.

For orders if the estimate m be checked for sanction.

[illegible]
12.1.06

Check.
[illegible]
[illegible]

CED

6/

[E. I. Form No. 42—600—23-8-04.]

Public Works Department,

Irrigation Branch.

Current No. 204

Letter No. 18 CE

Dated 5-1-06

From The S.E. 6th Circle (Thro' the Collector)
Prepared by E.E. Madura - Mr. Ramalingam Esq.

NOTE by Technical Section.

Name of work. Improving Vandiyur drain - Madura Taluk.

Amount of Estimate Rs. 3050.

This drain is a surplus chal from the left flank weir of the Sellur tank and empties into the Vandiyur supply chal. It is 7300 ft. long & is divided into 4 reaches. It is stated that the drain is narrow & the drainage water spills over wet lands & damages the crops during rains. It is proposed to be widened to carry a runoff of 2" in 24 hours over the catchment. The hydraulic particulars & estimate have been checked. The bed width varies from 10 to 42'; depth 3½ ft throughout. There is a road culvert at the tank end of the drain having 7 vents of 6 ft wide & 5 ft high. The floor & apron of the culvert are proposed to be lowered by 1.40 ft to suit the proposed bed of the drain

[illegible] 5.2.06

[illegible] 4/2/06

E. I. Form No. 1.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

CURRENT No. 1679
PASSED ON BY
R. C.
U. R. C.
REF.
R. K.
D. O.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Supg. Engineer, VI Circle, dated 5th January 1906, No.18 C.E.

Note by the Chief Engineer for Irrigation.

The Supg. Engineer, VI Circle, submits an estimate amounting to Rs 3,050 for improving the Vandiyur surplus channel which takes off from the left bank escape of the Sellur tank, Periyar Project. It is reported that the drainage water spills over the wet lands and damages crops during rains. It is therefore proposed to widen the drain to carry a run-off of 2 inches in 24 hours over the catchment area and to lower the apron of the road culvert at the tail end of the drain by 1.40 ft so as to agree with the proposed bed level. The estimate may be sanctioned.

2. The work is classed as "unremunerative" and will probably be completed by the 31st March 1907.

Order. No. 1749 d. 13. 2. 1906

The following estimate is sanctioned:-

Imperial.

Irrigation.

Please stamp plans and return file
12/2

49 Capital Expenditure not charged to Revenue.

Periyar Project.

Open Capital Account.

I Works.

4 Drainage & Protective works.

Unremunerative work.

Improvements to the Vandiyur drain.

B Land -	Rs	
Compensation for land.----	1,316	1,316
C Works		
Removing the ~~rough stone masonry in the~~ apron and retaining ~~revetting~~ wall and rebuilding the same to 88.00. ----------------	80	80
L Earthwork -		
Widening the drain. ----	1,503	1,503
O Miscellaneous -		
Demarcation stones. ---	30	
Contingencies and supervision. -------------	121	151
Total I Works. ---		3,050
II Establishment		399
		3449 ~~3,449~~

2. This sanction is registered as No. 1979 I of 1905-06 and will expire on the 31st March 1907.

3. Ordered that a copy of these proceedings be forwarded to the Government of India for information.

No. 175 I. & 13.2. 1906

4P

Endorsement.

Forwarded.

DESPATCHED
27 FEB 1906

10/2/06

10/2/06

To

The Chief Engineer for Irrign.

,, Supg.Engineer,VI Circle with plans & notes

,, Examiner,P.W.Accounts.

DESPATCHED
27 FEB 1906

10/2/06

15.2.06

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